AMERICAN UNIVERSITY OBSERVATORY

MONTHLY BULLETIN

METEOROLOGICAL SECTION

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

BEIRUT, LEBANON

Latitude: 33° 54' 22" N.

Longitude: $2^h\ 21^m\ 52^s.7$ E.

MAY 1956

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OCT 18 1956
METEOROLOGICAL

MAY 1956

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.8	59.7	58.6	59.4	24.5	17.3	20.5	23.9	18.8	21.1
2	58.0	57·2	58.3	57.8	22.6	13.7	18.8	20.1	17.1	18.7
3	57.3	57.3	58.1	57.5	61.6	14.8	18.4	20.4	17.3	18.7
4	56.8	58.0	58.9	57.9	19.0	12.8	18.3	13.8	15.9	16.0
5	62.2	63.1	64.1	63.1	21.9	13.0	17.7	21.3	17.1	18.7
6	65.1	64.3	64.3	64.6	22.0	13.1	15.7	21.2	17.1	18.0
7	63.2	62.7	62.9	62.9	22.2	14.7	19.1	21.6	16.5	19.1
8	63.1	62.7	62.6	62.8	22.2	15.3	19.1	21.3	16.9	19.1
9	63.6	62.9	63.5	63.3	23.1	15.9	19.6	22.1	17.8	19.8
10	62.6	60.8	60.5	61.3	24.0	16.5	21.9	22.7	18.8	21.1
11	58.0	57.7	58.3	58.0	24.7	16.2	21.9	23.7	18.8	21.5
12	59.9	60.4	61.8	60.7	25.0	15.8	22.1	24.4	18.1	21.5
13	62.4	63.4	63.5	63.1	24.3	17.8	22.8	23.5	19.2	21.8
14	63.7	62.8	62.9	63.1	25.4	17.9	22.5	24.5	19.4	22.1
15	62.6	62.4	62.4	62.5	24.7	16.9	21.9	23.3	19.1	21.4
16	62.5	61.8	61.6	62.0	26.7	19.1	22.5	25.8	20.5	22.9
17	60.3	59.7	60.1	60.0	28.2	18.1	26.0	27.2	20.8	24.7
18	62.1	61.6	61.7	61.8	24.9	18.1	22.4	24.4	19.1	22.0
19	62.6	62.5	63.0	62.7	25.7	16.5	22.3	24.9	18.9	22.0
20	64.0	63.1	62.7	63.3	25.0	17.1	21.2	22.9	19.1	21.1
21	62.7	61.9	62.1	62.2	25.5	17.9	22.8	24.7	19.7	22.4
22	62.3	61.6	61.6	61.8	26.2	18.4	24.2	25.8	20.9	23.6
23	61.7	61.7	61.9	61.8	57.5	19.2	24.4	26.4	21.2	24.0
24	61.4	60.0	59.6	60.3	27.4	19.6	23.6	26.7	21.7	24.0
25	58.8	58.6	58.7	58.7	28.0	19.7	25.2	26.1	21.6	24.3
26	60.0	59.6	58.5	59.4	28.3	21.3	24.6	27.4	22.2	24.7
27	55.7	55.3	56.8	55.9	28.6	19.7	24.7	27.9	22.1	24.9
28	58.2	58.4	58.8	58.5	24.6	16.8	22.8	24.0	19.2	22.0
29	59.9	59.6	59.6	59.7	25.7	19.2	23.0	24.9	20.5	22.8
30	59.2	58.0	57.4	58.2	26.7	18.6	25.0	25.7	20.8	23.8
31	57.8	57.4	57.6	57.6	27.0	18.6	23.6	26.7	21.2	23.8
	60.89	60.52	60.72	60.71	24.94	17.08	21.89	23.85	19.27	21.66

Barometer, range for month 765.1 mm. — 755.3 mm.
„ 71-yr. average for month 759.50 mm.
Thermometer, range for month 28.6°C — 12.8°C
„ 71-yr. average for month 22.48°C
Rain total for month 50.54 mm.
„ 71-yrs average for month 18.15 mm.
„ Total, Sept. 1st. to end of month 900.29 mm.
„ 71-yrs. average. Sept. 1st. to end of month 888.15 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	18.1	18.4	16.7	17.7	75	63	77	72	11.3	344.0	
2	16.7	14.7	13.2	14.9	76	62	68	69	1.3	444.0	
3	14.9	15.3	14.8	15.0	71	63	76	70	6.1	512.0	7.87
4	11.3	13.4	15.6	13.4	54	85	85	75	0.7	616.0	19.30
5	14.8	16.0	14.8	15.2	74	64	75	71	8.3	441.0	5.08
6	14.0	15.4	14.8	14.7	81	61	76	73	8.5	341.0	6.86
7	15.5	17.2	15.2	16.0	72	67	81	73	10.6	206.0	11.43
8	13.9	16.0	15.2	15.0	65	65	80	70	11.7	135.0	
9	15.6	18.0	15.9	16.5	71	66	79	72	12.6	135.0	
10	17.2	17.5	18.3	17.7	67	64	85	72	12.7	227.0	
11	15.5	17.2	17.2	16.6	61	59	80	67	11.0	343.0	
12	16.2	17.4	15.9	16.5	62	57	78	66	12.4	309.0	
13	17.5	17.7	17.2	17.5	63	63	79	68	12.4	243.0	
14	21.2	19.8	19.6	20.2	76	65	86	76	10.4	364.0	
15	19.0	19.5	18.3	18.9	75	69	84	76	11.5	198.0	
16	19.2	22.8	22.3	21.4	72	69	93	78	12.0	274.0	
17	16.1	20.8	19.9	18.9	47	57	83	62	12.1	332.0	
18	15.7	16.2	15.5	15.8	58	53	73	61	11.8	410.0	
19	18.0	18.2	17.2	17.8	67	57	79	68	10.9	270.0	
20	17.7	18.1	17.8	17.9	72	66	83	74	11.8	240.0	
21	18.7	19.2	18.5	18.8	67	64	82	71	12.6	246.0	
22	20.9	21.5	23.1	21.8	71	66	92	76	12.8	245.0	
23	23.0	21.9	21.9	22.3	77	63	87	76	11.1	222.0	
24	22.0	23.9	22.7	22.9	77	69	87	78	10.7	602.0	
25	18.8	25.1	23.3	22.4	60	73	90	74	11.8	274.0	
26	22.4	24.2	24.2	23.6	73	68	90	77	12.6	695.0	
27	19.8	23.7	19.2	20 9	64	63	72	66	11.6	1053.0	
28	10.8	10.5	12.9	11.4	38	37	58	44	12.8	578.0	
29	11.9	15.7	18.7	15.4	45	49	78	57	12.8	521.0	
30	18.2	22.1	21.7	20.7	56	67	90	71	12.4	404.0	
31	20.7	21.9	20.7	21.1	73	62	82	72	12.0	639.0	
	17.27	18.69	18.14	18.03	66.5	63.1	80.9	70.2	10.75	382.68	1.63

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1sw	1sw	1sw	light	H.a.m
2	10st	10st	2st	7.3	1sw	1w	1w	,,	
3	9cu-st	9cu-st	10st	9.3	1sw	1sw	1sw	,,	T. at night
4	10st	10ni	10st	10.0	2sw	2sw	2sw	,,	
5	10cu-st	7cu-st	9st	8.7	1sw	2sw	1sw	,,	
6	10cu-st	9cu-st	10st	9.7	1se	1sw	1sw	light	
7	8st	6cu-st	0	4.7	1sw	1w	1nw	,,	
8	0	7ci-cu	0	2.3	1nw	1nw	1n	,,	
9	0	0	0	0.0	1n	1n	1n	,,	D. a.m
10	0	0	0	0.0	1n	1n	1n	,,	
11	0	5ci-st	0	1.7	1sw	1sw	1sw	light	D. a.m
12	0	0	0	0.0	1sw	1sw	1sw	,,	H.a.m.p.m.
13	0	0	0	0.0	1ne	1n	1n	,,	D. p.m
14	1ci	1ci	0	0.7	1ne	1ne	1ne	,,	H.a.m
15	1ci	3ci-st	8st	4.0	1nw	1nw	1nw	,,	H. a.m.
16	0	0	0	0.0	1sw	1ne	1ne	light	H.a.m. p.m. D.a.m
17	0	0	0	0.0	1ne	1ne	1ne	,,	D.p.m.
18	6st	3cu-st	10cu-st	6.3	2sw	2sw	1sw	,,	
19	7cu-st	6cu-st	0	4.3	2sw	1w	1w	,,	
20	3cu-st	0	0	1.0	1w	1nw	1ne	,,	D. p.m
21	0	0	0	0.0	1nw	1n	1ne	light	
22	1ci	0	0	0.3	1w	1ne	1ne	,,	D. p.m
23	3ci	6ci	5ci	4.7	1sw	1sw	1ne	,,	H.D.a.m.p.m
24	3ci	1ci	8ci	4.0	1sw	2sw	1sw	,,	D. a.m. H.a.mp.m.
25	0	10ci	0	3.3	1sw	1w	1ne	,,	H.a.m. p.m. D.p.m
26	0	0	0	0.0	2sw	1sw	2sw	light	H.a.m. p.m. D.p.m.
27	0	1cu	3st	1.3	3sw	2sw	2ne	,,	H.a.m.p.m.
28	0	0	0	0.0	4ne	2n	2ne	slight	
29	0	0	0	0.0	1nw	1n	1ne	light	
30	0	0	4st	1.3	1ne	1ne	1ne	,,	D.p.m
31	0	0	0	0.0	1sw	1sw	1sw	,,	H.p.m
	mean			2.74					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	5	0	1	0	17	2	4	0	31
14:30	6	5	0	0	0	13	4	3	0	31
20:30	4	12	0	0	0	11	2	2	0	31
Total	12	22	0	1	0	41	8	9	0	93

Number of days with rain 5, fog 0, thunderstorms 1, gale. 0
71 yr. av. number of days with rain during month 3.08